

otor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

FORMULATI	ONS FOR TRANSDERM	AL OR TRANSMUCOSAL AP	PLICATION	
and for which a patent application:				
is attached hereto and includes a	mendment(s) filed on		(if a	pplicable)
ĭ was filed in the United States on	March 10, 2004	as Application No. <u>TBA</u>	(declaration no	t accompanying
<ul><li>application) with amendment(s)</li><li>□ was filed as PCT international A</li></ul>	filed on			(if applicable)
☐ was filed as PCT international A	pplication No	on	an	d was amended
under PCT Article 19 on			(if applicable	)
I hereby state that I have reviewed an any amendment referred to above.	nd understand the contents of	f the above identified application, i	ncluding the clai	ms, as amended b
I acknowledge the duty to disclose Regulations, § 1.56.	information known to me to	be material to patentability as de	fined in Title 37	, Code of Federa
I hereby claim foreign priority bene inventor's certificate listed below ar filing date before that of the applica	nd have also identified below	vany foreign application for paten		
EARLIEST FOREIGN APPLI	CATION(S), IF ANY, FILE	ED PRIOR TO THE FILING DAT	TE OF THE AP	PLICATION
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORIT	Y CLAIMED
PCT/EP00/07533	EP	03/08/2000		□ NO
			□ YES	□ NO
I hereby claim the benefit under Titl	e 35, United States Code, §	119(e) of any United States provi	sional applicatio	on(s) listed below

PROVISIONAL APPLICATION NUMBER	FILING DATE
60/453,604	March 11, 2003
60/510,613	October 10, 2003

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL	FILING DATE		STATUS	
APPLICATION NO.	FILING DATE	PATENTED	PENDING	ABANDONED
PCT/EP01/09007	August 3, 2001			X
10/343,570	May 19, 2003		X	

<sup>\*</sup> for use only when the application is assigned to a company, partnership or other organization.

NY:848412.1 - 1 - I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	statements may jeop	LAST NAME	FIRST NAME	MIDDLE NAME	
_	FULL NAME OF			MIDDLE NAME	
2	INVENTOR	CARRARA	Dario Norberto R.	COUNTRY OF CHARGE	TOLIM
0	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZES	NSHIP
•	CITIZENSHIP	Oberwil	Switzerland	Argentina	
1	POST OFFICE	STREET	CITY	STATE OR COUNTRY	ZIP CODE
	ADDRESS	Storchenweg 3	Ch-4104	Switzerland	ļ <u> </u>
		SIGNATURE OF INVENTOR 201	huma	DATE	1
				Due 7	P COS
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME	
2	INVENTOR	GRENIER	Arnaud		
`	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN	NSHIP
)	CITIZENSHIP	Steinbrunn le Haut	France	France	
2	POST OFFICE	STREET	CITY	STATE OR COUNTRY	ZIP CODE
-	ADDRESS	6, rue des bergers	F-68440 Steinbrunn le Haut	France	
		SIGNATURE OF INVENTOR 202	1 1/	DATE	
			1 the	Tune 7	2 2004-
				James	, 0007
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME	
2	INVENTOR	BESSE	Celine		
	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN	ISHIP
)	CITIZENSHIP	Saint Louis	France	France	
		STREET	CITY	STATE OR COUNTRY	ZIP CODE
3	POST OFFICE ADDRESS		F-68300 Saint Louis	France	
1	ADDRESS	7, rue de Geneve	r-00300 Saint Louis		
		SIGNATURE OF INVENTOR 203	(PAS -CSO)	DATE	9.
			( ) Par	June 7	, 2004
-	PULL 1111 (P. O.P.	LAST NAME	FIRST NAME	MIDDLE NAME	
	FULL NAME OF				
2	INVENTOR	SIMES	Stephen	M.	
)	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN	ISHIP
	CITIZENSHIP	Long Grove	IL	USA	
1	POST OFFICE	STREET	CITY	STATE OR COUNTRY	ZIP CODE
	ADDRESS	1173 Fairview Lane	Long Grove	IL	60047
		SIGNATURE OF INVENTOR 204		DATE	
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME	
2	INVENTOR	LEHMAN	Leah	М.	
	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN	SHIP
)	CITIZENSHIP	Green Oaks	IL	USA	
5	POST OFFICE	STREET	CITY	STATE OR COUNTRY	ZIP CODE
,	ADDRESS	14308 W. Braemore Close	Green Oaks	IL	60048
		SIGNATURE OF INVENTOR 205	······································	DATE	

# **DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION**

inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

# FORMULATIONS FOR TRANSDERMAL OR TRANSMUCOSAL APPLICATION

and for which a patent application	:			** ** `
is attached hereto and includes	amendment(s) filed on	(if applicable)		
🗵 was filed in the United States on March 10, 2004		as Application No. <u>TBA</u>	(declaration not	taccompanying
application) with amendment( ☐ was filed as PCT international	s) filed on			(if applicable)
■ was filed as PCT international	Application No.	on	an	d was amended
under PCT Article 19 on			(if applicable)	)
I hereby state that I have reviewed any amendment referred to above		the above identified application,	including the clair	ms, as amended by
I acknowledge the duty to disclos Regulations, § 1.56.	e information known to me to	be material to patentability as de	efined in Title 37	, Code of Federal
I hereby claim foreign priority be inventor's certificate listed below filing date before that of the appli	and have also identified below	any foreign application for pate	foreign application for inventor's co	on(s) for patent or ertificate having a
EARLIEST FOREIGN APP	LICATION(S), IF ANY, FILE	ED PRIOR TO THE FILING DA	TE OF THE API	PLICATION
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORIT	Y CLAIMED
PCT/EP00/07533	EP	03/08/2000		□ NO
			☐ YES	□ NO
I hereby claim the benefit under 7	Fitle 35, United States Code, §	119(e) of any United States prov	visional application	on(s) listed below.

PROVISIONAL APPLICATION NUMBER	FILING DATE
60/453,604	March 11, 2003
60/510,613	October 10, 2003

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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APPLICATION NO.	FILING DATE	PATENTED	PENDING	ABANDONED
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<sup>\*</sup> for use only when the application is assigned to a company, partnership or other organization.

-1-NY:848412.1

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

12130		LAST NAME	FIRST NAME	MIDDLE NAME	
2	FULL NAME OF INVENTOR	CARRARA	Dario Norberto R.		
-		CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN	SHIP
0	RESIDENCE & CITIZENSHIP	Oberwil	Switzerland	Argentina	
		STREET	CITY	STATE OR COUNTRY	ZIP CODE
1	POST OFFICE ADDRESS	Storchenweg 3	Ch-4104	Switzerland	
į	ADDADO	SIGNATURE OF INVENTOR 201		DATE	<u> </u>
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME	·
2	INVENTOR	GRENIER	Arnaud		
-	RESIDENCE &	СТТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZEN	SHIP
0	CITIZENSHIP	Sierentz	France	France	
_	POST OFFICE	STREET	CITY	STATE OR COUNTRY	ZIP CODE
2	ADDRESS	39A, rue Rogg Haas	F-68510 Sierentz	France	
		SIGNATURE OF INVENTOR 202		DATE	A
		GIGHATURE OF INVENTOR 202			
			FIRST NAME	MIDDLE NAME	
	FULL NAME OF	LAST NAME		WIDDEL WAVE	
2	INVENTOR	BESSE	Celine STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZET	NSHIP
0	RESIDENCE &	СПУ			
U	CITIZENSHIP	Saint Louis	France	France STATE OR COUNTRY	ZIP CODE
3	POST OFFICE	STREET		France	<b>5.1</b> 0022
	ADDRESS	7, rue de Geneve	F-68300 Saint Louis		
		SIGNATURE OF INVENTOR 203	•	DATE	
_	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME	<u> </u>
2	INVENTOR	SIMES	Stephen	м.	
٦	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZE	NSHIP
0	CITIZENSHIP	Long Grove	IL	USA	
		STREET	CITY	STATE OR COUNTRY	ZIP CODE
4	POST OFFICE ADDRESS	1173 Fairview Lane	Long Grove	IL	60047
		SIGNATURE OF INVENTOR 204	0	DATE ,	7
		100000	X	6/15	D4
		soft m.	penos	7.7	
	FULL NAME OF	LAST NAME	FIRST NAME	MIDDLE NAME	
2	INVENTOR	LEHMAN	Leah	М.	
	RESIDENCE &	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZE	NSHIP
0	CITIZENSHIP	Green Oaks	IL	USA	T
5	POST OFFICE	STREET	CITY	STATE OR COUNTRY	ZIP CODE
	ADDRESS	14308 W. Braemore Close	Green Oaks	IL	60048
ļ		SIGNATURE OF INVENTOR 205	•	DATE	, ,
		Jush m- Luk	MAN /	6/15/	04
		Julian 1/ Mar	- mar -	1 - (12 /	_/

#### ASSIGNMENT

WHEREAS, each of

Dario Norberto R. CARRARA, a citizen of Argentina, residing at Storchenweg 3, Ch-4104 Oberwil, Switzerland;

Arnaud GRENIER, a citizen of France, residing at 39A rue Rogg Haas, F-68510 Sierentz, France;

Celine BESSE, a citizen of France, residing at 7, rue de Geneve, F-68300 Saint Louis, France;

Stephen M. SIMES, a citizen of United States Of America, residing at 1173 Fairview Lane, Long Grove, IL 60047; and

Leah M. LEHMAN, a citizen of United States Of America, residing at 14308 W. Braemore Close, Green Oaks, IL 60048.

ASSIGNOR, is an inventor of the invention in FORMULATIONS FOR TRANSDERMAL OR TRANSMUCOSAL APPLICATION, for which an application for a Patent of the United States, identified by Winston & Strawn LLP Docket No. 88066-8099:

	is executed on even date herewith.		
$\boxtimes$	was filed on March 10, 2004	as Application No	<u>TBA</u> .

WHEREAS, ANTARES PHARMA IPL, a Swiss company having a place of business at c/o Treuhand von Flue AG, Baarerstrasse, 95, Postfach 1260, 6301 Zug, Switzerland, ASSIGNEE, is desirous of obtaining each inventor's entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to each inventor in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection,

- 1 -

including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

And each ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

And each ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And each ASSIGNOR hereby further covenants and agrees that he or she will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

NY:849138.1 - 2 -

this form by the addition of the application r	number, application filing date, and attorney docket
number, if necessary.	$\sim$
In witness whereof, each inventor ha	s affixed his or her signature.
•	
Noich 16th 2004	11/11/10
Date	Dario Norberto R.CARRARA
16 days March	2004, before me, lly appeared Dario Norberto R. CARRARA, to
Ho wit / ray 5 a Witness persona	lly appeared Dario Norberto R CARRARA to
me known and known to me to be the perso	n of that name, who signed the foregoing
instrument and acknowledged the same to b	
-	//(n->
	Witness
•	
•	
:	
	1/1
March 16th 234	A
March 16 4 209	Arnaud GRENIER
//	
On this day of	, 2004, before me,
Hogis Winess, appe	Acarch , 2004, before me, ared Amaud GRENIER, to me known and
known to me to be the person of that name,	who signed the foregoing instrument, and
acknowledged the same to be his/her free ac	t and deed.
	/ / Com
	Witness

And each ASSIGNOR hereby authorizes the ASSIGNEE's patent attorney to complete

Date Mouch 16 th g	:20lj	Celine BESSE	. : 
	at name, who sign	March , 2004, before meaned Celine BESSE, to me known and acknowled the foregoing instrument, and acknowled Witness	
	·		
•			· ·
·	•	· ·	
Date		Stephen M. SIMES	
		, 2004, before m	
	son of that name,	who signed the foregoing instrument,	
		Witness	<del>- · · · · · · · · · · · · · · · · · · ·</del>

Date	Leah M. LEHMAN	
On this	day of	, 2004, before me appeared
Leah M. LEHMAN, t	o me known and known to m	e to be the person of that name, who
signed the foregoing in	strument, and acknowledged	the same to be his/her free act and deed.
•		
	Notary	Public
Mr. Commission Expire	<u> </u>	

- 5 -

### **ASSIGNMENT**

WHEREAS, each of

Dario Norberto R. CARRARA, a citizen of Argentina, residing at Storchenweg 3, Ch-4104 Oberwil, Switzerland;

Arnaud GRENIER, a citizen of France, residing at 39A rue Rogg Haas, F-68510 Sierentz, France;

Celine BESSE, a citizen of France, residing at 7, rue de Geneve, F-68300 Saint Louis, France;

Stephen M. SIMES, a citizen of United States Of America, residing at 1173 Fairview Lane, Long Grove, IL 60047; and

Leah M. LEHMAN, a citizen of United States Of America, residing at 14308 W. Braemore Close, Green Oaks, IL 60048.

ASSIGNOR, is an inventor of the invention in FORMULATIONS FOR TRANSDERMAL OR TRANSMUCOSAL APPLICATION, for which an application for a Patent of the United States, identified by Winston & Strawn LLP Docket No. 88066-8099:

	is executed on even date herewith.	•	
$\boxtimes$	was filed on March 10, 2004	_ as Application No	<u>TBA</u> .

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NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to each inventor in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, each ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection,

including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

And each ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

And each ASSIGNOR hereby covenants and agrees that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith;

And each ASSIGNOR hereby further covenants and agrees that he or she will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to him or her respecting said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE or, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries;

And each ASSIGNOR hereby authorizes the ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

In witness whereof, each inventor has affixed his or her signature.

Date		Dario Norberto R. CARRARA
	, a Witness, perso	, 2004, before me, onally appeared Dario Norberto R. CARRARA, to
		son of that name, who signed the foregoing be his/her free act and deed.
		Witness
		*
÷		
		·
Date		Arnaud GRENIER
On this	day of	, 2004, before me,
known to me to be the	<del>_</del> _	e, who signed the foregoing instrument, and
acking modera and se		
		Witness

On this	day of	, 2004, before me,
	, Witness, app	peared Celene BESSE, to me known and known to
me to be the person of	that name, who sign	ned the foregoing instrument, and acknowledged
the same to be his/her i	free act and deed.	
	•	
•		Witness
ė .	·	
•		
	*** •	•
		0.
MARH 15,	2004	Sepen. Semen
Date		Stephen M. SIMES
On this 150	day of	narch, 2004, before me, appeared Stephen M. SIMES, to me known and
Mary H. Dieto	<u>Neyel</u> , a witness	, appeared Stephen M. SIMES, to me known and
		who signed the foregoing instrument, and
acknowledged the same	to be mis/her free a	ct and deed.
•		Mary a. Dietneyer
•		Witness
		· O

3/15/2004 Date	Leah M. LEHMAN
Leah M. LEHMAN, to me known and l	known to me to be the person of that name, who mowledged the same to be higher free act and deed.
My Commission Expires	Notary Public  Official Seal Mary A. Dietmeyer Notary Public State of Illinois My Commission Expires 05/05/07